

REMARKS

Reconsideration of this application as amended is respectfully requested.

In the Office Action, claims 1-24 were pending of which claims 10-24 were withdrawn due to an election with traverse in response to restriction. Claims 1-9 were rejected. Portions of the drawings were objected.

In this response, no claim has been canceled. Claims 1-9 have been amended. In addition, new claims 25-45 have been added. Thus, claims 1-9 and 25-45 remain pending. Formal drawings have been submitted. No new matter has been added.

Portions of the drawings were objected. Formal drawings have been submitted to overcome the objections. The Examiner further stated that the current method claims are not shown in the drawings. Applicant respectfully submits that the present invention as claimed is fully supported by the specification and drawings as filed. Additional drawings regarding the method claims will be submitted when the present application is in condition of allowance.

Claims 1-9 are rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,263,109 by Ordentlich et al. ("Ordentlich"). In view of the foregoing amendments, it is respectfully submitted that claims 1-9 and 25-36 include limitations that are not disclosed by Ordentlich. Specifically, independent claim 1 recites as follows:

1. A method comprising:
performing a refinement coding pass to bit-planes of a code block to create refinement bits, wherein the refinement bits are generated based on bits from coefficients that became significant in a significance propagation pass of a previous bit-plane; and
setting refinement bits to the more probable symbol (MPS), wherein the refinement bits set to the MPS are quantized as a result of setting refinement bits to the MPS.

(Emphasis added)

Independent claim 1 includes performing a refinement coding pass of bit-planes of a code block to generate refinement bits, where the refinement bits are generated based on bits from coefficients that became significant in a significance propagation pass of a previous bit-plane, and setting the refinement bits to the MPS, where the refinement bits set to the MPS are quantized as a result of setting refinement bits to the MPS. It is respectfully submitted that the above limitations are absent from Ordentlich.

Rather, Ordentlich relates to ordering of subsequences, which are derived from a bitstream, based on an estimate of the probability of 1 in each subsequences with respect to a threshold (see, Abstract, Summary, and col. 5, lines 9-15 of Ordentlich). It appears that those are not the refinement bits generated via a refinement code pass (e.g., a magnitude refinement pass), particularly, based on bits from coefficients that became significant in a significance propagation pass of a previous bit-plane.

In addition, there is no teaching or suggestion of setting at least a portion of the refinement bits, which are generated from a refinement code pass of a bitplane of a code block, to the MPS, and as a result, those bits that have been set to MPS are quantized to a value different than those refinement bits that have not been set to MPS. Therefore, for the reasons discussed above, it is respectfully submitted that independent claim 1 is not anticipated by Ordentlich.

Similarly, independent claims 4, 7, 37, and 44-45 include limitations similar to those recited in claim 1. Thus, for the reasons similar to those discussed above, independent claims 4, 7, 37, and 44-45 are not anticipated by Ordentlich.

Given that dependent claims 2-3, 5-6, 8-9, 25-36, and 38-43 depend from one of the above independent claims, at least for the reasons similar to those discussed above, it is

respectfully submitted that claims 2-3, 5-6, 8-9, 25-36, and 38-43 are not anticipated by Ordentlich. Withdrawal of the rejections is respectfully requested.

In view of the foregoing, Applicant respectfully submits the present application is now in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call the undersigned attorney at (408) 720-8300.

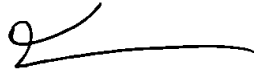
Please charge Deposit Account No. 02-2666 for any shortage of fees in connection with this response.

Respectfully submitted,

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Date:

7/17/9



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